

Artificial Intelligence Trends and Pattern Recognition (ICAITPR) - 2026

21st - 23rd December 2026, Hyderabad, India
www.icaitpr.com



Organized by: **Vardhaman College of Engineering**

Technically Co-Sponsored by: **IEEE Hyderabad Section**

About the conference:

The objective of this conference is to bring together industry practitioners, researchers / research scholars, faculty and specialists across the world in the fast-evolving domains of Artificial Intelligence, Machine Learning, and Pattern Recognition. The conference provides a global platform for researchers and practitioners to exchange emerging ideas, present cutting-edge research, and foster international collaborations.

CALL FOR PAPERS

Track-1: Future Trends in AI

Conversational AI, Generative AI and Machine Learning, Applications of AI, AI and Robotics, Big Data Applications, Language Processing, Advanced Machine Learning and Deep Learning, Computer Vision and Fuzzy Systems, Biometrics and Expert Systems, Wearable Artificial Intelligence, Intelligent Communication Systems, AI Algorithms, Robot Learning Process, Gender Equality (SDG-5) & AI Reliability, AI for Healthcare & Wellbeing (SDG 3)

Track-2: Data Analytics and Visualization

Predictive Analytics in Business Strategy, Role of Data Analytics in Healthcare, Data Driven Marketing Strategies, LLM Models, Ethical Considerations in Data Analytics, Applications of Machine Learning in Data Analytics, Big Data Analytics in Finance, Data Analytics for Supply Chain Optimization, Challenges and Opportunities in Data Analytics Careers, Real Time Data Analytics, Data Analytics in Smart Cities, AI for Zero Hunger (SDG 2) & Precision Agriculture

Track-3: Network Security and Privacy

Advanced Threat Defense Mechanisms, Secure Communication Protocols, Network Security for IoT and Edge Computing, AI and Machine Learning in Network Security, Quantum Cryptography, 5G Network Security, Blockchain for Secure Network Transactions, Cloud Security, AI for Food Security & Agriculture, AI for Clean Water & Smart Distribution, AI for Secure & Private Healthcare

Track-4: Sustainable Advances in High Performance Computing

Parallel Computing, Distributed Computing, Cluster Computing, Grid Computing, Hybrid Computing, Quantum Computing, Cloud Computing for HPC, Machine Learning in HPC, Edge Computing in HPC, HPC Applications in Specific Domains, HPC for Smart & Sustainable Cities, HPC for Industry 5.0, HPC Security and Privacy, HPC in Digital Twins and Smart Manufacturing, Green HPC and Carbon-Aware Scheduling

Track-5: Advances in Pattern Recognition: Cross-Domain Applications

Pattern Recognition in Bioinformatics, Deep Learning for Image and Video Pattern Recognition, Biometric Pattern Recognition, Pattern Recognition in Medical Imaging, Natural Language and Speech Pattern Recognition, Real Time Action and Gesture Recognition, Explainable and Ethical AI in Pattern Recognition, Hybrid Approaches in Pattern Recognition, AI for Climate Patterns, AI for Sustainable Production



ICAITPR 2022:
<https://ieeexplore.ieee.org/xpl/conhome/9844160/proceeding>

ICAITPR 2024:
<https://ieeexplore.ieee.org/xpl/conhome/10959331/proceeding>

IMPORTANT DATES	
Final Call for Papers	06 February 2026
Abstract submission deadline	16 March 2026
Full Paper submission deadline	31 August 2026
Review notification	03 October 2026
Registration, Camera ready paper and copyright submission	Early Bird
	Regular
Release of final conference programme	04 December 2026
Conference dates	21 - 23 December 2026

REGISTRATION FEE		
Type of Registration	Registration fee for Non-IEEE Members	Registration fee for IEEE Members
Student / Research Scholars	₹ 7,000	₹ 6,000
Academicians	₹ 8,500	₹ 7,200
Industry	₹12,500	₹ 10,500
Authors with affiliation outside India	\$ 200	\$ 150
Attendee with tutorials	₹ 2,000	₹ 1,500

Scan the QR code or visit the submission link below:



<https://cmt3.research.microsoft.com/ICAITPR2026>

Accepted and presented papers will be submitted for inclusion into IEEE Xplore, subject to IEEE quality review and indexing guidelines. Papers indexed in IEEE Xplore are typically submitted to Scopus.

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